Munsch & Co "Keeping You Working"

PTRM SEALING YOUR FUTURE

ELASTOMERS

Technical Data Sheet

Chlorosulphonated Polyethylene (WCM210)

CHEMICAL DESCRIPTION: Chlorosulphonated Polyethylene , CSM
Previously, commonly referred to as Hypalon

PHYSICAL PROPERTIES

TENSILE STRENGTH:	≥9.8 (MPa)
SPECIFIC GRAVITY:	1.4
ELONGATION AT BREAK:	≥350%
HARDNESS RANGE:	65° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-30° - +130° C
OZONE RESISTANCE:	Excellent
COMPRESSION SET:	≥40%
22 Hrs @ 70° C	

CHEMICAL RESISTANCE

WATER:	Good
ACIDS:	Excellent
ALKALIS:	Good
OILS & HYDROCARBONS:	Moderate
FUELS AND PETROLEUM SOLVENTS:	Fair
KETONES:	Poor

Recommended for sheet for resistance to heat and moderate resistance to oils.

Also recommended for applications that require good resistance to weathering. It is superior to Neoprene in this

respect and has an added advantage that it can be produced in stable light colours. Hypalon is more expensive than Neoprene.

It is often used where outstanding resistance to strong oxidising acids is required. One of the other benefits is that it is self extinguishing, flame retardant.

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